

110	
x	y
0	0
0	1
1	0
1	1

FIG. 1

10053472 - 042502

210	
a	0
b	$x \ \& \ y$
c	$x \ \& \ (\sim y)$
d	x
e	$(\sim x) \ \& \ y$
f	y
g	$x \ \wedge \ y$
h	$x \mid y$
i	$\sim(x \mid y)$
j	$\sim(x \sim y)$
k	$\sim y$
l	$x \mid (\sim y)$
m	$\sim x$
n	$(\sim x) \mid y$
p	$\sim(x \ \& \ y)$
q	1

FIG. 2

FIG. 3

x	y	a	b	c	d	e	f	g	h	i	j	k	l	m	n	p	q
0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
0	1	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1
0	0	1	1	0	0	0	1	1	1	0	0	1	1	0	0	1	1
0	1	0	1	0	0	1	0	1	0	0	1	1	0	1	0	1	0
0	0	1	0	1	0	0	1	0	1	0	0	1	0	1	0	1	0
0	1	0	0	1	0	1	0	1	0	0	1	0	1	0	1	0	1
0	0	0	1	0	1	0	0	1	0	1	0	0	1	0	1	0	1
0	1	1	0	1	0	1	0	1	0	0	1	1	0	1	0	1	0

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FIG. 4

x,y	READ-ONLY DATA	BINARY REPRESENTATION
0,0	20	01 0100
0,1	32	10 0000
1,0	16	01 0000
1,1	4	00 0100

ek ajaa

10057122012500

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FIG. 5

x,y	READ ONLY DATA	S	EXP	BN	FRACTION
00	ONE	0	0111 1111	1	0000 0000 0000 0000 000
01	lg 10	0	1000 0000	1	1010 1001 0011 0100 1111 000
10	lg e	0	0111 1111	1	0111 0001 0101 0100 0111 011
11	pi	0	1000 0001	1	1001 0010 0001 1111 1011 011

510 520 530 540 550 560

a fikk kkk1 - fcqd eabq aceh bhhb fghh add

570

FIG. 6

x,y	READ ONLY DATA	S	EXP	D	FRACTION
00	log 2	0	0111 1101	1	0011 0100 0001 0011 011
01	ln 2	0	0111 1110	1	0110 0010 1110 0100 0011 000
10	Zero	0	0000 0000	0	0000 0000 0000 0000 0000 000
11	DC	1	1111 1111	1	1100 0000 0000 0000 0000 000
	b bnnn nnmj	-	bfmi	aiea emea aeai aamm aii	670

FIG. 7

710

720

70

Address	Read-only Data
000	one
001	lg 10
010	lg e
011	pi
100	log 2
101	ln 2
110	Zero
111	DC

FIG. 8

712

714

720

70

msb	x,y	Read-only Data
0	00	one
0	01	lg 10
0	10	lg e
0	11	pi
1	00	log 2
1	01	ln 2
1	10	Zero
1	11	DC

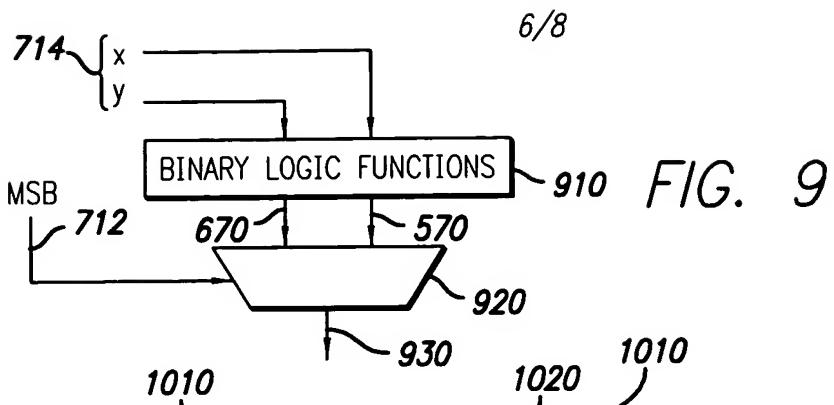


FIG. 9

ADDRESS	READ-ONLY DATA	ADDRESS	READ-ONLY DATA
000000	1110	100000	0100
000001	0000	100001	1111
000010	0100	100010	0001
000011	1111	100011	1100
000100	1101	100100	1110
000101	0111	100101	1000
000110	0001	100110	1000
000111	0100	100111	0010
001000	0010	101000	1101
001001	1110	101001	0100
001010	1111	101010	0110
001011	0010	101011	1001
001100	1011	101100	0010
001101	1101	101101	0001
001110	1000	101110	1011
001111	0001	101111	0111
010000	0011	110000	1111
010001	1010	110001	0101
010010	1010	110010	1100
010011	0110	110011	1011
010100	0110	110100	1001
010101	1100	110101	0011
010110	1100	110110	0111
010111	1011	110111	1110
011000	0101	111000	0011
011001	1001	111001	1010
011010	1001	111010	1010
011011	0101	111011	0000
011100	0000	111100	0101
011101	0011	111101	0110
011110	0111	111110	0000
011111	1000	111111	1101

100

FIG. 10

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1112

1114

1120

BITS 1-4		0000	0001	0010	0011	0100	0101	0110	0111
BITS 0.5		00	01	10	11	00	01	10	11
00	1110	0100	1101	0001	0010	1111	1011	1000	
01	0000	1111	0111	0100	1110	0010	1101	0001	
10	0100	0001	1110	1000	1101	0110	0010	1011	
11	1111	1100	1000	0010	0100	1001	0001	0111	

jjb freg lpgm cebi ghmc jkpj mekn kbdr
 1130 1132 1134 1136 1138 1140 1142 1144

1110

BITS 1-4		1000	1001	1010	1011	1100	1101	1110	1111
BITS 0.5		00	01	10	11	00	01	10	11
00	0011	1010	0110	1100	0101	1001	0000	0111	
01	1010	0110	1100	1011	1001	0101	0011	1000	
10	1111	1100	1001	0111	0011	1010	0101	0000	
11	0101	1011	0011	1110	1010	0000	0110	1101	

gdpI lgmb gmjd n1hg fidp kecm adfg fjjj
 1146 1148 1150 1152 1154 1156 1158 1160

FIG. 11

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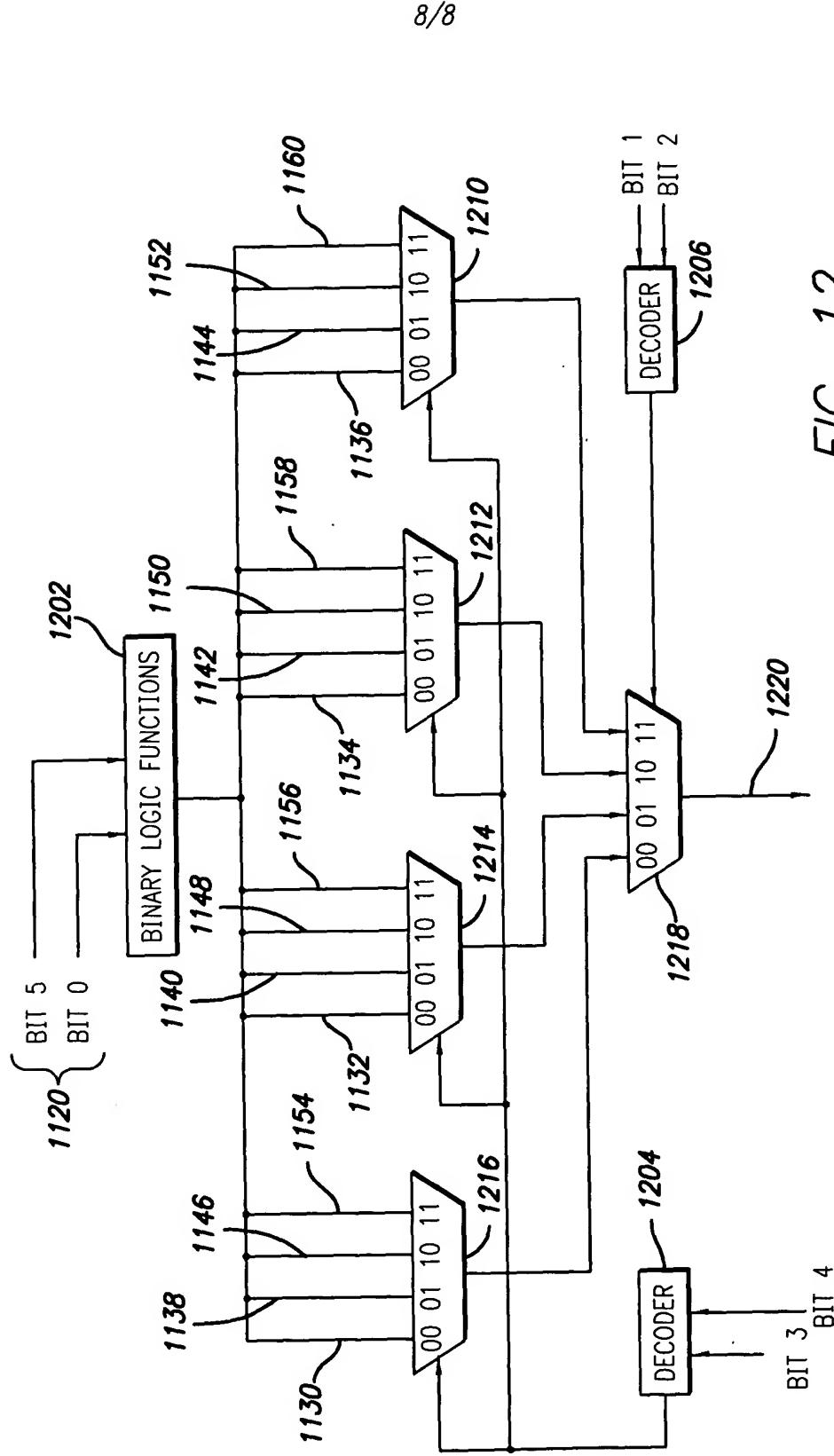


FIG. 12